

ROUTER CONTROL HIGH

ROUTER CONTROL LOW

SOURCE IPC ADDRESS

CHECKSUM

SOURCE IPC COMPONENT ID

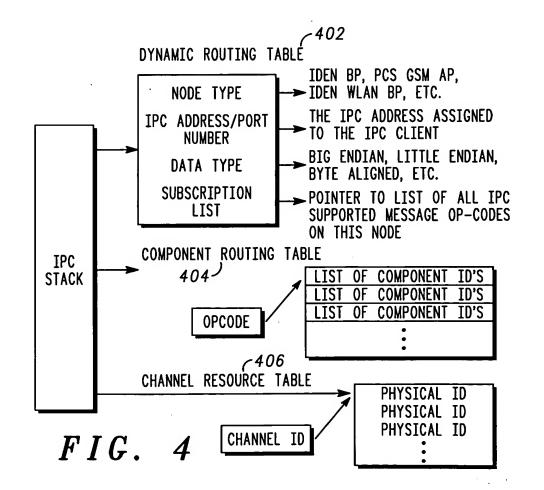
DESTINATION IPC COMPONENT ID

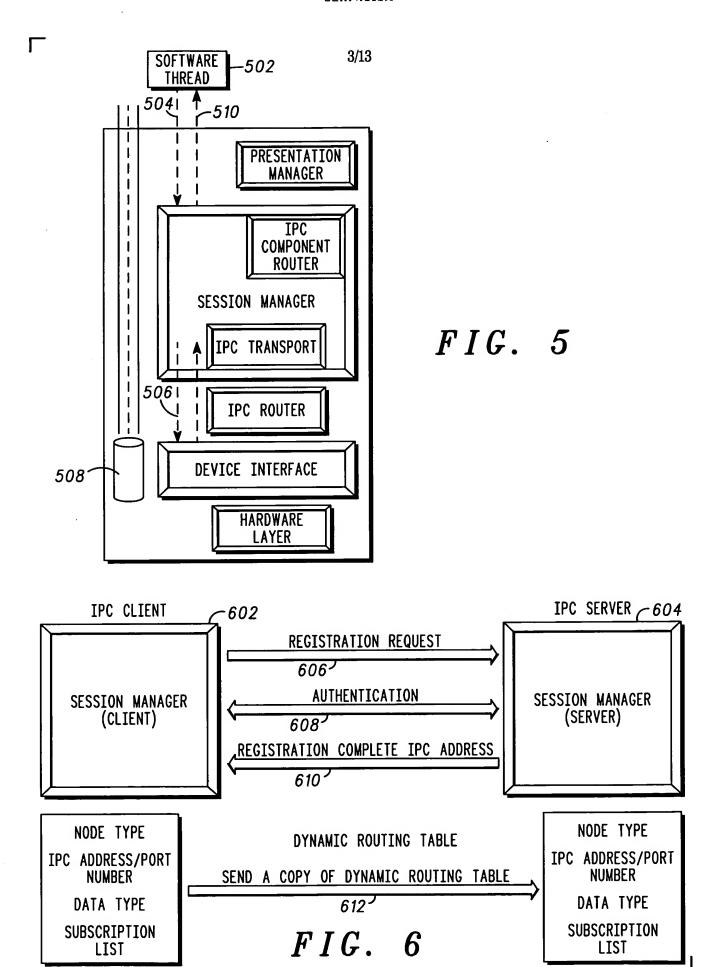
MSG LENGTH=MSG LENGTH HIGH

MSG OPCODE=MSG OPCODE HIGH

MSG OPCODE=MSG OPCODE LOW

IPC DATA=MSG DATA





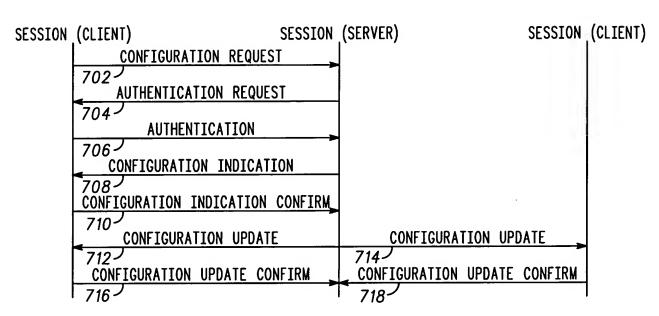


FIG. 7

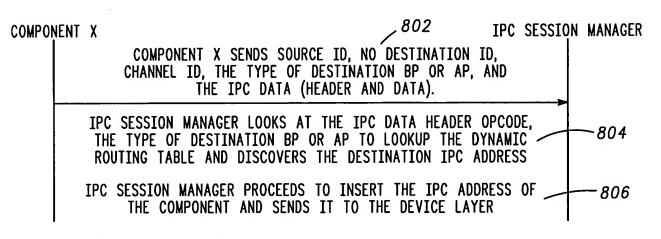
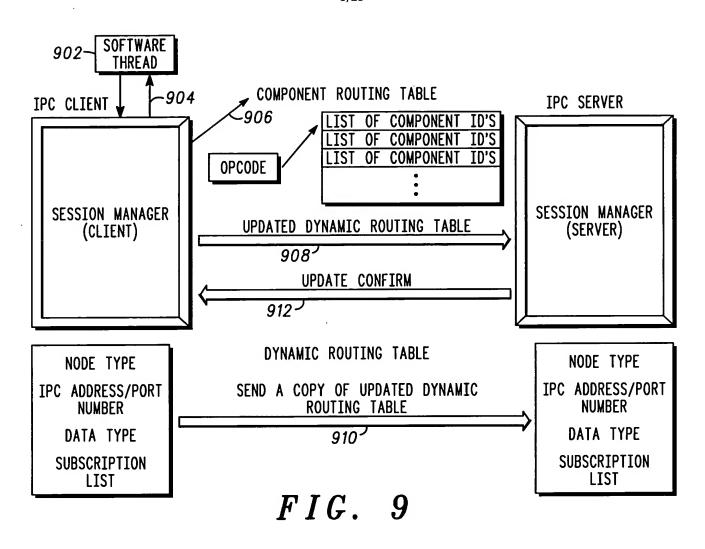
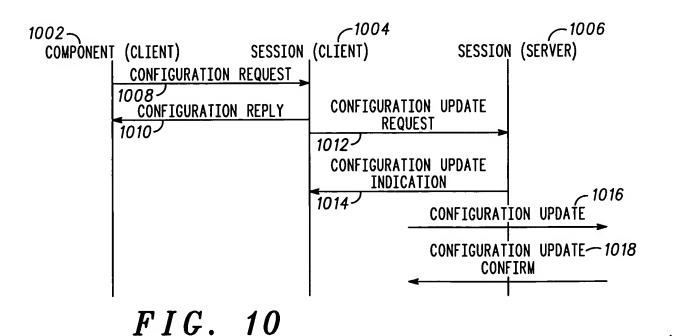
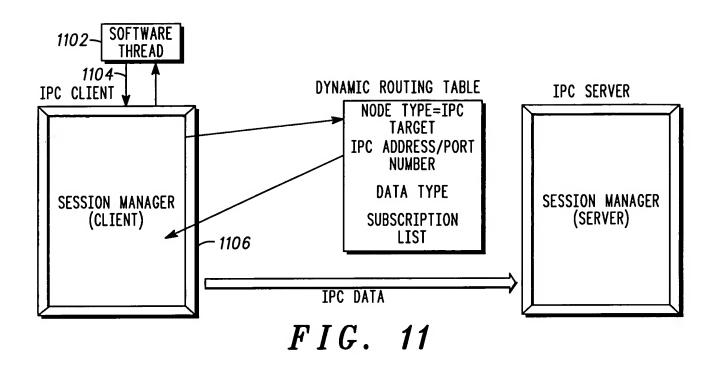


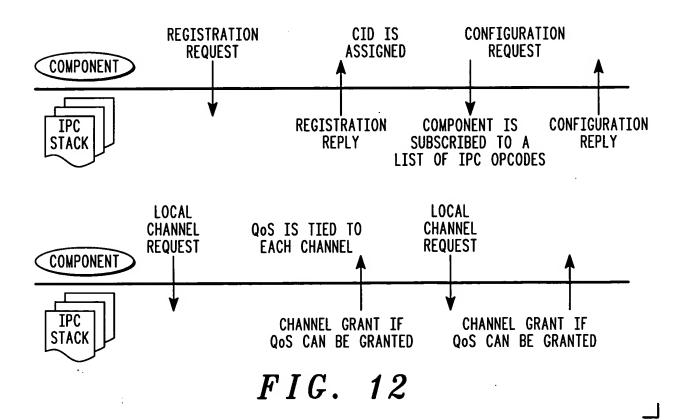
FIG. 8





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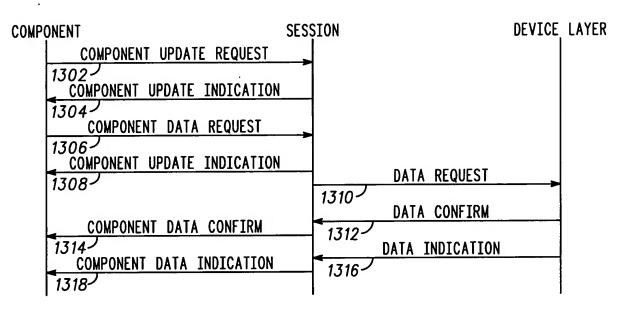
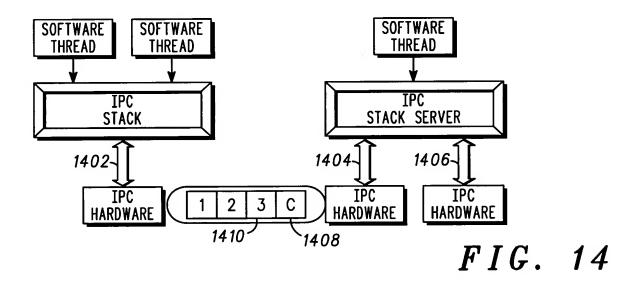
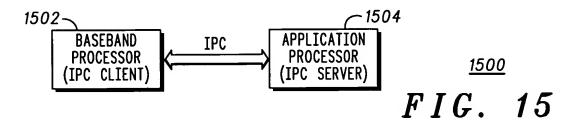
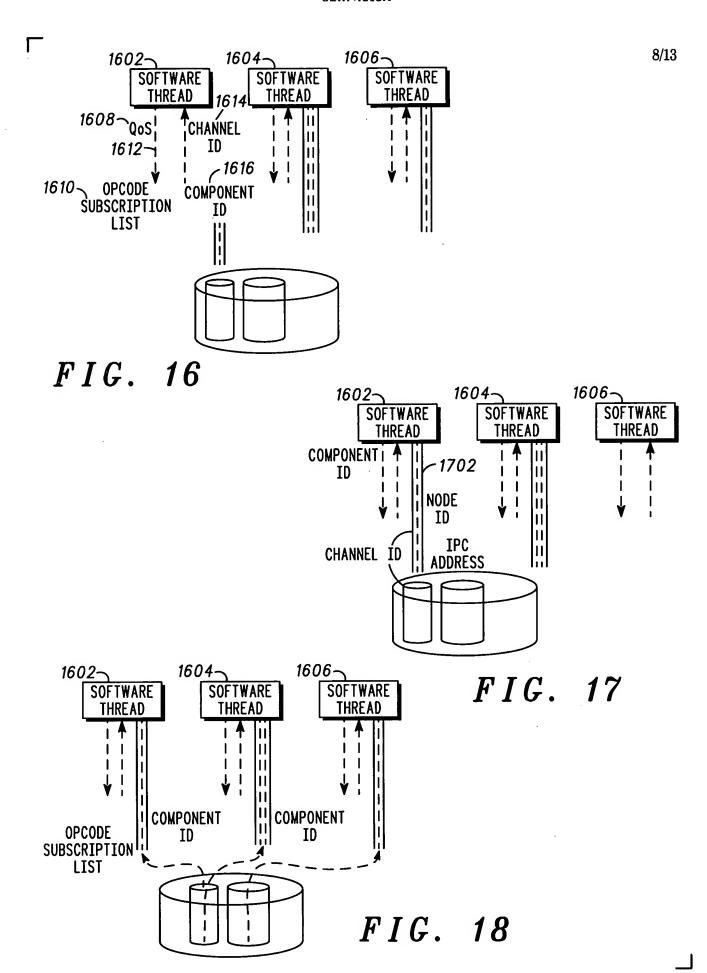


FIG. 13







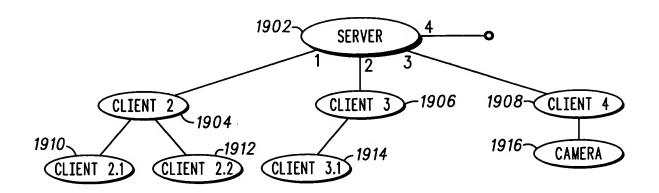


FIG. 19

PORT NUMBER	IPC ADDRESS			
1	0-31			
2	32-64			
3	65-127			
4	•			
	•			
•	•			

FIG. 22

PORT NUMBER	STATUS				
1	DEDICATED				
2	DEDICATED				
3	NOT DEDICATED				
i i					

<u>2300</u>

FIG. 23

Server $egin{array}{cccccccccccccccccccccccccccccccccccc$	CLIENT 2, 3 AND 4 CANNOT REPLY TO SUBCLIENTS YET. THEY NEED TO BE ASSIGNED IPC ADDRESSES FIRST BEFORE THE ROUTER IN THOSE CLIENTS CAN FORWARD THE MESSAGE TO THE RIGHT PORT. IT WILL NOT BROADCAST THE MESSAGES. SERVER SERVER TOTAL NUMBER OF ITS HARDWARE PORTS.	THE SERVER INC. ADDRESS=254 IS RESERVED FOR BROADCASTING INC.——IPC. ADDRESS=0xFF IS RESERVED FOR BROADCASTING INC.——ISERVER FILLS THE NETWORK ROUTING TABLE. THIS TABLE INC. ADDRESS IN UNDOWABLE DADE WARDS INC.	L CUNIAINS AN IPC ADURESS ID HAKUMAKE PUKI MAPPING 10/13	CLIENT 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
CLIENT CLIENTS_AND_SERVERS ENUMERATE_ALL THETR HARDWARE PORTS CLIENT CLIENTS AND SERVERS ASSIGNMENT REQUEST ALL CLIENTS BROADCAST THETR CONFIGURATION REQUESTS AND PEND WAITING ON REPLY ALL CLIENTS AND SERVERS CREATE NETWORK ROUTING TABLES FOR ALL ENUMERATED PORTS		CLIENT 2 GETS IPC ADDRESSES(0-31). CLIENT 2 GETS THE 1 ADDRESS ON TOP OF THE LIST=>IPC ADDRESS=31		
CLIENT 2:1	 	COLTENT Z	C CLIENI 3	

